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AN ORDINANCE approving City Utilities Purchase Order #0824, by the City of Fort Wayne, Indiana, by and through its Department of Purchasing and the Mine Safety Appliance Company for the Water Pollution Control Plant.

NOW, THEREFORE, BE IT ORDAINED BY THE COMMON COUNCIL OF THE CITY OF FORT WAYNE, INDIANA:

SECTION 1. That City Utilities Purchase Order #0824, between the City of Fort Wayne, by and through its City Utilities, and the Department of Purchasing with the Mine Safety Appliance Company, for the Water Pollution Control Plant, respectfully for:

the purchase of a Gas Detection equipment for the Grit Chamber at the Water Pollution Control Plant.

involving a total cost of Nine Thousand Nine Hundred Ninety-Two and 50/100 Dollars (\$9,992.50+/-), all as more particularly set forth in said Purchase Order, which is on file in the Office of the Department of Purchasing, and is by reference incorporated herein, made a part hereof, and is hereby in all things ratified, confirmed and approved.

SECTION 2. That this Ordinance shall be in full force and effect from and after its passage, and any and all necessary approval by the Mayor.

Councilmember

APPROVED AS TO FORM AND LEGALITY

Bruce O. Boxberger, City Attorney

Read seconded by	the first time	me in full a	and on motion b	y Didd
by title and re	eferred to the	ne Committee	e City adopted	y find the second time (and the Ci
due legal notic	e, at the Co	endation) arouncil Chamb	ers, City-Coun	(and the Cing to be held after ty Building, Fort Way
Indiana, on		, the_	, at	day of
DATE:	6-23-	87.		o'clock .M., E
	0		SANDRA E. K	ENNEDY, CITY CLERK
Read to seconded by	he third tim	me in full a	ind on motion by	(9)
passage. PASSE	11/11	er U	, and duly aclowing vote:	dopted, placed on its
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BURNS		-		
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DATE:	7-14-8	7.	. 1	, & Lennedy
			SANDRA E. KE	NNEDY, CITY CLERK
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(SPECIAL) (ZON				. //
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at the hour of		y of		, 19,
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19, at the	e hour of	900	o'clock_	A.M., E.S.T.
	N. C.		()	1.
		13	WIN MOSES, JR	MAYOR



Mine Safety Appliances Company • P.O. Box 427 • Pittsburgh, PA 15230

Instrument Division Phone: 1-800-MSA-INST

Date	June	1,	1987	
Reference				
Quotation No.	4021			

City of Fort Wayne Dept. of Purchasing One Main Street, Rm. 350 Fort Wayne, IN 46802

Attn: Ms. Patty Coffelt

#### QUOTATION/OFFER TO SELL

ITEM QTY.	DESCRIPTION	UNIT PRICE	TOTAL PRICE
	MSA 5000 Series Gas Detection System for methane, gasoline oxygen and hydrogen sulfide consisting of:		\$9,485.00 LOT/Items 1 thru 6
1 1	484418 Model 5600 Panel/Rack Mount Type Housing:	\$3,210.00	3,210.00
	<ul> <li>12 channel capacity</li> <li>Two programmable relay controllers. Each providing two relays assigned to each of the three levels of alarm.</li> <li>Six relays, three having adjustable timed delay reset per each six channels.</li> <li>Common trouble relay per each six channels</li> <li>Common horn and horn relay per each six channels</li> <li>All relays rated at 3 amps resistive at 120 VAC, SPDT, Form C</li> <li>Power supplies, 110 volt AC per each six channels</li> <li>Size: 5 1/4" h x 19" w x 17" d</li> </ul>		
2 4	482588 Control module with two independent channels  Features include:    Microprocessor based control    Lamp test/function indication    Programmable relay set points    Selective range display    Three digit LED display of:    Gas concentration    Three levels of alarm    Three discrete alarm level indicators    Trouble, over-range, under-range, and calibration mode indication.	700.00	2,800.00

TERMS: PAYABLE NET WITHIN 30 DAYS UNLESS OTHERWISE NOTED. NO WITHHOLDING WILL BE ALLOWED WITHOUT THE PRIOR WRITTEN CONSENT OF THE SELLER.

MINIMUM ORDER: \$10.00

VALID FOR 60 DAYS FROM ABOVE DATE

SPFA FOB:

DELIVERY \_

8-10 Weeks FROM RECEIPT OF ORDER

James E. Tomlinson

ATTENTION PURCHASER:

CAREFULLY READ THE FACE AND REVERSE SIDE OF THIS QUOTATION/OFFER TO SELL. THE TERMS AND CONDITIONS ON THE FACE AND ON THE REVERSE SIDE HEREOF - INCLUDING DISCLAIMERS OF WARRANTIES INCLUDING MERCHANTABILITY), DISCLAIMERS OF TORT LIABILITY (INCLUDING NEGLIGENCE AND STRICT LIABILITY), LIMITATIONS OF REMEDIES AND EXCLUSIONS OF DAMAGES - ARE INCORPORATED HEREIN AND CONSTITUTE A PART OF THIS QUOTATION/OFFER TO SELL. PURCHASER AND SELLER LINDERSTAND AND AGREE THAT THE TERMS AND CONDITIONS ON THE FACE AND ON THE REVERSE SIDE HEREOF CONSTITUTE

PAGE 2

# Mine Safety Appliances Company • P.O. Box 427 • Pittsburgh, PA 15230 Instrument Division

Phone: 1-800-MSA-INST

4021

CONTINUATION OF QUOTATION NO. \_\_\_\_

DATE June 1, 1987

ITEM	QTY.	DESCRIPTION	UNIT PRICE	TOTAL PRICE
3	6	481093 Explosion-proof condulet with 1-S sensing head assembly, with 4 to 9 KHz signal output. Suitable for Class I, Groups B, C, D, Division 1 service.	370.00	2,220.00
4	1	480525 Explosion-proof sensing head assembly for 0-25% oxygen, with 4 to 9 KHz signal output. Suitable for Class I, Groups C & D, Division 1 service.	525.00	525.00
5	1	483755 Explosion-proof sensing head assembly for 0-50 ppm hydrogen sulfide, with 4 to 9 KHz signal output. Electrochemical type sensor. Suitable for Class I, Groups C & D, Division 1 service.	525.00	525.00
6	1	483725 Remote sensor calibration indicator	205.00	205.00
		Calibration Equipment		
1	1	476610 Type R calibration kit, less cylinders with 0.25 LPM regulator, tubing and adapters, in a convenient carrying case	190.00	
2	1	459942 Cylinder of check gas, 2.5% methane in air	26.75	
3	1	468248 Cylinder of check gas, 20.8% oxygen in nitrogen	26.75	
4	1	477149 Type RP calibration kit, less cylinder, with 0.25 LPM regulator, tubing and adapters, in a convenient carrying case	165.00	
5	1	467897 RP Cylinder of check gas, 40 ppm hydrogen sulfide in nitrogen.	99.00	
		NOTES:  1. MSA's quote is based on information in our possession.  MSA reserves the right to revise the quote should additional information or specification changes be received by MSA.		
		2. One set of standard instruction manuals will be provided at no charge. Additional copies - \$11 each for control system manual, \$8 each for sensor supplements.		



# Mine Safety Appliances Company • P.O. Box 427 • Pittsburgh, PA 15230 Instrument Division

Phone: 1-800-MSA-INST

CONTINUATION OF QUOTATION NO. \_

4021

DATE June 1, 1987

ITEM	QTY.		DESCRIPTION	UNIT PRICE	TOTAL PRICE
		an he 5 8 14 24 32	ecommended interconnecting cable between control module and remote combustible, chlorine and sulfur dioxide sense eads - three conductor spiral shielded - up to:    MSA P/N   Mfg. P/N	ing	
		4. Th	Minimum order 100 ft. per size. Minimum order 500 ft. per size.  The actual purchase, or release, of an electrochemical ensor should coincide with the system start-up to		
		5. Re	ecommended interconnecting cable between control module and remote electrochemical sensing head - two conductor biral shielded - up to:		
		2, 3,	MSA P/N Mfg. P/N 500 ft. #20 AWG 603099 Alpha 2256 \$1.20/ft.* 400 ft. #18 AWG 603100 Alpha 2258 1.30/ft.* 800 ft. #16 AWG 603101 Alpha 2260 2.05.ft.** Minimum order 100 ft. per size. Minimum order 500 ft. per size.		
		on	A factory trained servicemen are available for a-site service or start-up assistance. See enclosed thedule of Prices.		
			libration equipment as quoted is required for proper art-up and maintenance.		
		in	approval drawings are requested, the delivery date dicated on this quote will be based on the receipt MSA of signed approvals.		

TO:

CITY ATTORNEY

FROM:

DEPARTMENT OF PURCHASES

APPROVED BY:

Carol J. Offerle, Director

DATE:

June 18, 1987

SUBJECT:

City Utilities Purchase order #0824

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

FILE # ASSIGNED BY RECORDS LIBRARIAN

7673

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# ACTION REQUESTED:

Please prepare an ordinance to be introduced in City Council on June 23, 1987, approving City Utilities Purchase order #0824 with respect to the purchase of Gas Detection Equipment for the Grit Chamber at the Water Pollution Control Plant.

This purchase order has been reserved for the Mine Safety Appliance Company and will be assigned upon Councilmanic approval

CC: Department

7673.

## DIGEST SHEET

TITLE OF ORDINANCE: SPECIAL

DEPARTMENT REQUESTING ORDINANCE: PURCHASING

SYNOPSIS OF ORDINANCE:

An ordinance approving City Utilities Purchase order #0824 for the purchase of a Gas Detection equipment for the Grit Chamber at the Water Pollution Control Plant.

# EFFECT OF PASSAGE:

Replacement of 1940 equipment being used at this time that may not be all that accurate. Methane gas is detrimental to the health and safety of plant personnel, gas detector is required by O.S.H.A.

## EFFECT OF NON-PASSAGE:

Gas Detection equipment now being used could possibly be hazardous to the safety of personnel and also to the plant itself. Equipment being used should be in good working order, and up to the standards of O.S.H.A.

MONEY INVOLVED (direct costs, expenditures, savings):

Mine Safety Appliances \$ 9,992.50 +/-

ASSIGNED TO COMMITTEE (President):



Mine Safety Appliances Company • P.O. Box 427 • Pittsburgh, PA 15230

Instrument Division Phone: 1-800-MSA-INST

NO-MOM-INOT			
Date	June	1,	1987

Reference.

Quotation No. 4021

City of Fort Wayne Dept. of Purchasing One Main Street, Rm. 350 Fort Wayne, IN 46802

Attn: Ms. Patty Coffelt

#### QUOTATION/OFFER TO SELL

ITEM	QTY.	DESCRIPTION	UNIT PRICE	TOTAL PRICE
		MSA 5000 Series Gas Detection System for methane, gasoline oxygen and hydrogen sulfide consisting of:		\$9,485.00 LOT/Items 1 thru 6
1	1	484418 Model 5600 Panel/Rack Mount Type Housing:	\$3,210.00	3,210.00
		<ul> <li>12 channel capacity</li> <li>Two programmable relay controllers. Each providing two relays assigned to each of the three levels of alarm.</li> <li>Six relays, three having adjustable timed delay reset per each six channels.</li> <li>Common trouble relay per each six channels</li> <li>Common horn and horn relay per each six channels</li> <li>All relays rated at 3 amps resistive at 120 VAC, SPDT, Form C</li> <li>Power supplies, 110 volt AC per each six channels</li> <li>Size: 5 1/4" h x 19" w x 17" d</li> </ul>		
2	4	<pre>482588 Control module with two independent channels Features include:    Microprocessor based control    Lamp test/function indication    Programmable relay set points    Selective range display    Three digit LED display of:    Gas concentration    Three levels of alarm    Three discrete alarm level indicators    Trouble, over-range, under-range, and calibration mode indication.</pre>	700.00	2,800.00

2% 30 Days

TERMS: PAYABLE NET WITHIN 30 DAYS UNLESS
OTHERWISE NOTED. NO WITHHOLDING
WILL BE ALLOWED WITHOUT THE PRIOR
WRITTEN CONSENT OF THE SELLER.

MINIMUM ORDER: \$10.00

VALID FOR 60 DAYS FROM ABOVE DATE

FOB: SPFA

DELIVERY 8-10 Weeks

FROM RECEIPT OF ORDER

James E. Tomlinson

ATTENTION PURCHASER:

CAREFULLY READ THE FACE AND REVERSE SIDE OF THIS QUOTATION/OFFER TO SELL. THE TERMS AND CONDITIONS ON THE FACE AND ON THE REVERSE SIDE HEREOF - INCLUDING DISCLAIMERS OF WARRANTIES INCLUDING MERCHANTABILITY), DISCLAIMERS OF TORT LIABILITY (INCLUDING NEGLIGENCE AND STRICT LIABILITY), LIMITATIONS OF REMEDIES AND EXCLUSIONS OF DAMAGES - ARE INCORPORATED HEREIN AND CONSTITUTE A PART OF THIS QUOTATION/OFFER TO

PAGE 2

# Mine Safety Appliances Company • P.O. Box 427 • Pittsburgh, PA 15230 Instrument Division

Phone: 1-800-MSA-INST

4021

CONTINUATION OF QUOTATION NO.

June 1, 1987

ITEM	QTY.	DESCRIPTION	UNIT PRICE	TOTAL PRICE
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6	1	483725 Remote sensor calibration indicator	205.00	205.00
		Calibration Equipment		
1	1	476610 Type R calibration kit, less cylinders with 0.25 LPM regulator, tubing and adapters, in a convenient carrying case.	190.00	
2	1	459942 Cylinder of check gas, 2.5% methane in air	26.75	
3	1	468248 Cylinder of check gas, 20.8% oxygen in nitrogen	26.75	
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		NOTES:  1. MSA's quote is based on information in our possession.  MSA reserves the right to revise the quote should  additional information or specification changes be received by MSA.		
		2. One set of standard instruction manuals will be provided at no charge. Additional copies - \$11 each for control system manual, \$8 each for sensor supplements.		



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Phone: 1-800-MSA-INST

CONTINUATION OF QUOTATION NO. ..

4021

DATE June 1, 1987

ГЕМ	QTY.	DESCRIPTION	UNIT PRICE	TOTAL PRICE
		3. Recommended interconnecting cable between control module and remote combustible, chlorine and sulfur dioxide sensi heads - three conductor spiral shielded - up to:	ng	
		MSA P/N Mfg. P/N  545 Ft. #20 AWG 603080 Alpha 2256/3 \$1.20/Ft.*  825 Ft. #18 AWG 603081 Alpha 2258/3 1.30/Ft.*  1485 Ft. #16 AWG 603082 Alpha 2260/3 3.45/Ft.**  2475 Ft. #14 AWG 603083 Alpha 2265/3 3.55/Ft.**  3200 Ft. #12 AWG 603084 Alpha 2268/3 4.95/Ft.**  *Minimum order 100 ft. per size.  **Minimum order 500 ft. per size.		
		4. The actual purchase, or release, of an electrochemical sensor should coincide with the system start-up to obtain maximum sensor life. Stocking is not recommended.		-
		5. Recommended interconnecting cable between control module and remote electrochemical sensing head - two conductor spiral shielded - up to:	5	
		MSA P/N Mfg. P/N  1,500 ft. #20 AWG 603099 Alpha 2256 \$1.20/ft.*  2,400 ft. #18 AWG 603100 Alpha 2258 1.30/ft.*  3,800 ft. #16 AWG 603101 Alpha 2260 2.05.ft.**  *Minimum order 100 ft. per size.  **Minimum order 500 ft. per size.		
		<ol> <li>MSA factory trained servicemen are available for on-site service or start-up assistance. See enclosed Schedule of Prices.</li> </ol>		
		7. Calibration equipment as quoted is required for proper start-up and maintenance.		
		8. If approval drawings are requested, the delivery date indicated on this quote will be based on the receipt by MSA of signed approvals.		

1613

## DIGEST SHEET

TITLE OF ORDINANCE: SPECIAL

DEPARTMENT REQUESTING ORDINANCE: PURCHASING

SYNOPSIS OF ORDINANCE:

An ordinance approving City Utilities Purchase order #0824 for the purchase of a Gas Detection equipment for the Grit Chamber at the Water Pollution Control Plant.

1.87-06-49

# EFFECT OF PASSAGE:

Replacement of 1940 equipment being used at this time that may not be all that accurate. Methane gas is detrimental to the health and safety of plant personnel, gas detector is required by O.S.H.A.

## EFFECT OF NON-PASSAGE:

Gas Detection equipment now being used could possibly be hazardous to the safety of personnel and also to the plant itself. Equipment being used should be in good working order, and up to the standards of O.S.H.A.

MONEY INVOLVED (direct costs, expenditures, savings):

Mine Safety Appliances

\$ 9,992.50 +/-

ASSIGNED TO COMMITTEE (President):

	ON CITY UTILITIE	TO	WHOM W
REFERRED AN (ORDINA	ance) (resolution)	approving City Utilit	ies
Purchase Order #0	824, by the City of Fo	rt Wayne, Indiana, by	and
through its Depar	tment of Purchasing an	d the Mine Safety	
Appliance Company	for the Water Polluti	on Control Plant	
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EAVE TO REPORT BACK	NANCE) (RESQENTION) UN		
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EAVE TO REPORT BACK RESOLVATION YES	K TO THE COMMON COUNCIL	L THAT SAID (ORDINANC)	
EAVE TO REPORT BACK RESOLVATION YES	CHARLES B. REDD CHAIRMAN PAUL M. BURNS	L THAT SAID (ORDINANC)	
EAVE TO REPORT BACK RESOLVATION YES	CHARLES B. REDD CHAIRMAN  PAUL M. BURNS VICE CHAIRMAN	L THAT SAID (ORDINANC)	
EAVE TO REPORT BACK RESOLVATION YES	CHARLES B. REDD CHAIRMAN PAUL M. BURNS	L THAT SAID (ORDINANC)	
EAVE TO REPORT BACK RESOLVATION YES	CHARLES B. REDD CHAIRMAN  PAUL M. BURNS VICE CHAIRMAN	L THAT SAID (ORDINANC)	
EAVE TO REPORT BACK RESOLVATION YES	CHARLES B. REDD CHAIRMAN  PAUL M. BURNS VICE CHAIRMAN  THOMAS C. HENRY  BEN A. EISBART	NO NO	
EAVE TO REPORT BACK RESOLVATION YES	CHARLES B. REDD CHAIRMAN  PAUL M. BURNS VICE CHAIRMAN  THOMAS C. HENRY	NO NO	